

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 17	
2. Amendment/Modification No.  0002		3. Effective Date		4. Requisition/Purchase Req No.  SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM AMSTA-LC-CHBB JAMES VICTOR (810)574-8306 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: VICTORJ@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6)  <div style="display: flex; justify-content: space-between;"><span>SCD</span><span>PAS</span><span>ADP PT</span></div>			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. Amendment Of Solicitation No. DAAE07-01-R-S001			
				<input type="checkbox"/> 9B. Dated (See Item 11) 2000DEC01			
				<input type="checkbox"/> 10A. Modification Of Contract/Order No.			
				<input type="checkbox"/> 10B. Dated (See Item 13)			
Code		Facility Code					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required)							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS</b> It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: <span style="float: right;">The Changes Set Forth In Item 14 Are Made In</span> The Contract/Order No. In Item 10A.							
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  SEE SECOND PAGE FOR DESCRIPTION							
<p>Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</p>							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print)			
15B. Contractor/Offeror  _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America  By _____ (Signature of Contracting Officer)		16C. Date Signed	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;"> <b>PIIN/SIIN</b> DAAE07-01-R-S001      <b>MOD/AMD</b> 0002 </p>	<p style="text-align: right;"><b>Page</b> 2 <b>of</b> 17</p>
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**Name of Offeror or Contractor:**

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of Amendment 0002 is to make the following changes:

- a. Section A, Executive Summary, Paragraph A.3.1 "Phase II Production Variants" concerning kits: At the end of the paragraph, delete "and Dump Variant)" and "Cargo Covers." The change is followed by a double asterisk.
- b. Section J: Add Attachment 50, 13 Dec 00, "Final Report of the Production Qualification Test and Retest of the Family of Medium Tactical Vehicles.
- c. Section L, Paragraph L.1.5: In the second line, delete "... Changes and will become ..." and substitute "... Changes and shall be designated Volumes A, B and C of ..." The change is followed by a double asterisk.
- d. Section L, Re-title Paragraphs L.2, L.3 and L.4 as follows. Each change is followed by a double asterisk.

Para.	From	To
L.2	Volume 1 - Executive Summary	Volume 1 - Executive Summary (Volume A of Attachment 18)
L.3	Volume 2 - Life Cycle Cost (LCC) Area	Volume 2 - Life Cycle Cost (LCC) Area (Volume B of Attachment 18)
L.4	Volume 3 - Technical and Logistics Area	Volume 3 - Technical and Logistics Area (Volume C of Attachment 18)

- e. Section L, Paragraph L.6.4: Delete the ninth sentence, "The price for vehicles shall also include all costs for support and data requirements (normal production CDRLs and reports." The change is followed by a double asterisk.
- f. Section J, Attachment 1, ATPD 2131B (27 Nov 00) "System Specification", Paragraph 3.4.15.5: Delete the sixth sentence "Battery tray shall include a rollout feature to enable maintenance to access the rear batteries."
- g. Section J, Attachment 2, FMTV TDP, 28 Nov 00:
  - (1) Revision A of the LMTV propeller shaft installation Drawing No. 12417446: Delete propeller shaft part number "12422438-005" and substitute "12422438-007."
  - (2) Drawing Number 12421438, "Air Spring Cab Suspension: The dimension reference, "298 +/- 1.5" on sheet 5, Zone C3 to a slot for the cab pinning hole on the left and right hand brackets (part numbers 12421438-003 and -004) is changed to the bottom of the slot for both brackets.
  - (3) ECP No. TAC-U2370, Drawing Number 12422204 "Harness, MTV , Installation," Find No. 47: Delete part/drawing number "12329320" and substitute "12339320."
  - (4) ECP No. TAC-U2370, Drawing Number 12422204 "Harness, MTV , Installation," Find No. 47: Delete optional cable assembly part number "12420289" and substitute part number "12420896."
- h. Section J, Attachment 7, Solid Model Requirements:
  - (1) Update the webpage address found at the the end of the document to:  
http://w4.pica.army.mil/ardec-ri/pro\_e/3D\_TDP\_Standards\_10\_Apr\_2000.doc. The change is followed by a double asterisk.
  - (2) Change the date of the attachment from "07 Sep 00" to "02 Jan 01."
- i. Section J, Attachment 18 "Contractor Proposed Changes":
  - (1) Redesignate Volumes 1, 2, 3 and 4 as Volumes A, B, C and D. Each change is followed by a double asterisk.
  - (2) Add "Revised by Amendment 0002" to the attachment's cover page.
- j. Section J, Attachment 43, Section L-M Matrix:

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- (1) Re-title Paragraph references L.3 and L.4 as follows. Each change is followed by a double asterisk.

Para.	From	To
L.3	Volume 2 - Life Cycle Cost (LCC) Area	Volume 2 - Life Cycle Cost (LCC) Area (Volume B of Attachment 18)
L.4	Volume 3 - Technical and Logistics Area	Volume 3 - Technical and Logistics Area (Volume C of Attachment 18)

- (2) Add a cross reference between L.2, Volume 1 - Executive Summary (Volume A of Attachment 18) and paragraph M.3.3.2 and add the the evaluation basis for paragraph M.3.3.2.

- (3) Change the date of the attachment from "30 Nov 00" to "02 Jan 01".

2. This amendment does not extend the closing date.

\*\*\* END OF NARRATIVE A 003 \*\*\*

A.1 EXECUTIVE SUMMARY: This Executive Summary is for the Request for Proposals (RFP) for the Family of Medium Tactical Vehicles (FMTV) Program and provides an overview of the specific acquisition and the program.

A.1.1 FMTV Competitive Rebuy Acquisition Strategy: The U.S. Army Tank-automotive and Armaments Command (TACOM), Warren, Michigan, in support of the Program Executive Office, Ground Combat & Support Systems (PEO, GCSS) proposes to award contracts (termed FMTV Competitive Rebuy) to support the acquisition strategy. The acquisition strategy, approved by the AAE and Congress in Jan 00, is to compete the re-procurement of the FMTV with a two-phased acquisition. The two-phased approach maximizes competition while maintaining control over potential changes to the proven FMTV A1 TDP through testing and simulation. The draft solicitation for Phase I Competitive Evaluation was issued on July 5, 2000. This solicitation incorporates new language based upon a market survey of leading engine manufacturers. The Source Selection Evaluation Board is planned for Feb 01. The award for Phase I, Competitive Evaluation, is currently planned for 3rd Quarter, FY01. The Competitive Evaluation Phase (Phase I) will award no more than 3 (construed as possibly 0, 1, 2, or 3) contracts for competitive evaluation of contractor integrated changes to Government furnished FMTVs under full and open competition. The Contractor will have ten months to integrate changes and seven months for Government follow-on testing. The Competitive Production Phase (Phase II) will award a separate, single, multiyear production contract in a down select to one of the Phase I contractors. This action will represent the follow-on production contract (FMTV Competitive Rebuy) for the FMTV beyond the current multiyear contract with Stewart & Stevenson Services of Sealy, TX. The competitive award to a single contractor for Phase II Production is currently planned for 2nd Quarter, FY03.

A.1.2 Phase I Competitive Evaluation. Phase I Competitive Evaluation will be a full and open competition with proposals evaluated on the merits of offers provided, without independent Government testing, to select no more than three candidates for contract award in accordance with Section M. These multiple contracts (no more than three, construed as possibly 0, 1, 2, or 3) will be awarded to evaluate and test the integration of contractor proposed changes to Government furnished FMTVs. The changes will be made to comply with Environmental Protection Agency (EPA) 2004 emission requirements (40 CFR Part 86); to the extent that they are incorporated into the contract or specification, to comply with Federal Motor Vehicle Safety Standards (FMVSS) and Federal Motor Carrier Safety Regulations (FMCSR); to improve vehicle performance and safety and to reduce Life Cycle Cost (LCC). The Competitive Evaluation contract performance will require the delivery to a Government test site of contractor modified FMTVs which will be tested to evaluate the contractors' configuration changes, along with any contractor provided modeling and simulation data. The testing results in Phase I will be utilized in the evaluation for Phase II.

A.1.3 Phase II Competitive Production. Based on the current acquisition strategy, it is intended that the subsequent competitive production contract award (Phase II) will be a five-year fixed-price multiyear production contract beginning in FY03 for approximately 14,000 trucks and trailers (subject to budgetary constraints) with options for an additional 100% of the basic program years to support other services and FMS customers. Competition for the Phase II competitive production contract will be limited to the contractors who were awarded the Phase I contracts and successfully completed Phase I Competitive Evaluation. Any Phase I awardees who default on Phase I contract performance by withdrawing or otherwise failing to complete Phase I contract performance will not be considered for Phase II contract award. It is planned that a draft RFP will be issued 4 months prior to the conclusion of Phase I testing.

A.2 Description of Supplies/Services:

The FMTV is a medium (5 ton) and a light medium (2 1/2 ton) tactical vehicle family. The FMTV operates worldwide as multi-purpose transport and utility vehicles. They operate in all weather and climatic conditions and replace existing 2 1/2 and 5 ton vehicle variants. The overall acquisition requires fourteen (14) vehicle variants. The vehicles under this acquisition will be based on the current FMTV A1 Technical Data Package (TDP) with contractor proposed changes to meet EPA, other federal vehicle regulations,

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improve vehicle performance and safety and reduce Life Cycle Cost (LCC). The eventual configuration of the production vehicles will be determined by the outcome of the Government's testing and evaluation of contractor changes to the A1 design, and will be based on the A1 TDP as modified by Government approved changes at time of award of the production contract.

A.2.1 Phase I Competitive Evaluation. The Phase I Competitive Evaluation Phase contractors will use Government Furnished FMTVs to integrate their proposed changes, an EPA 2004 emission compliant engine (40 CFR Part 86), apply other changes mandated by regulation or law, and submit the modified FMTVs to a Government designated test site 300 days after contract award. The Government, with Competitive Evaluation contractor test support, will perform tailored testing (designed to test contractor changes to the vehicles) for approximately 210 days to determine the merits of the contractor's configuration. The contractor may submit commercial modeling and simulation at the component or subassembly level to demonstrate test elements. The Government will verify the variants provided. Vehicles to be provided by the Government for the Competitive Evaluation are the following variants:

QUANTITY	VARIANT	DESCRIPTION	NSN
2	M1083A1	Truck, Cargo: MTV	2320-01-447-3890
1	M1084A1	Truck, Cargo w/MHE: MTV	2320-01-447-3887
3	M1078A1	Truck, Cargo: LMTV	2320-01-447-6343

A.3 Phase II Competitive Production. Phase II of the proposed acquisition is for the production of vehicles, identified by the variants listed below, over a period of five years. Each contract base year (FY03-07) will also include a 100% option to support other United States customers and Foreign Military Sales (FMS).

A.3.1 Phase II Production Variants. Under current plans, the FMTV Competitive Rebuy production contract may include the following variants:

Variant	NSN	Nomenclature	% of Total Production
M1078A1	2320-01-447-6343	LMTV Cargo	19
M1078A1	2320-01-447-3888	LMTV Cargo w/winch	4
M1079A1	2320-01-447-4938	LMTV Van	3
M1083A1	2320-01-447-3890	MTV Cargo	16
M1083A1	2320-01-447-3884	MTV Cargo w/winch	4
M1087A1	2320-01-459-0362	MTV Expansible Van w/o winch	5
M1088A1	2320-01-447-3893	MTV Tractor	12
M1088A1	2320-01-447-3900	MTV Tractor w/winch	1
M1089A1	2320-01-447-3892	MTV Wrecker	2
M1090A1	2320-01-447-3899	MTV Dump	5
M1090A1	2320-01-447-6344	MTV Dump w/winch	1
M1082	2330-01-449-1775	Trailer, LMTV Cargo	22
M1095	2330-01-449-1776	Trailer, MTV Cargo	6

The following kits are also planned as a part of the acquisition:

Troop Seats (Cargo (Std.) \*\*

A.3.2 Phase II Competitive Production Contract Source Selection Evaluation. A summary of the Government's proposed acquisition strategy for the Phase II Competitive Production source selection evaluation is being provided so that all Offerors may understand better how their Phase I Competitive Evaluation participation results will be used. The main goals of the Production Contract evaluation are to select a single best value Phase II Production Offeror who:

- Provides significant FMTV fleet LCC savings.
- Provides the most trucks at the best price.
- Provides quality, robust trucks that will meet or exceed performance requirements, and that have incorporated design features necessary to assure that the vehicles will have a long and safe service life with minimal issues during production or in the field.
- Minimizes and/or reduces support requirements.
- Provides a safe and effective system that allows operators, maintainers, and passengers to efficiently perform their required missions.

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The following areas are proposed Phase II evaluation areas listed in descending order of importance:

A.3.2.1 Life Cycle Costs. LCC will be addressed during the Phase II Competitive Production Contract source selection evaluation. Each Offeror will provide LCC data (similar to the Phase I Competitive Evaluation information) for all items on a list of major components. The major component list will incorporate components that historically have been cost drivers. In addition, the major component list will be augmented with components significantly impacted by changes proposed in the Phase I Competitive Evaluation. LCC data from each Offeror will be evaluated to determine the lowest likely LCC to the Government. The Government may also include additional government costs or savings (such as for Federal Retail Excise Tax (FRET) or testing) that may result from any proposed change. The assessment will incorporate adjustments for realism as appropriate. If discussions are held, these adjustments will be disclosed to the Offerors at that time.

A.3.2.2 Contract Price. Contract Price will be evaluated to ensure that the price is fair, reasonable, realistic, affordable, and provides the Government the Best Value.

A.3.2.3 Technical Risk. Technical Risk will be addressed during the Production Contract source selection evaluation. The Phase I Competitive Evaluation will generate Test Incident Reports and technical findings (through modeling/simulation and any other means) which the Government will require the Offerors to address in their Phase II Competitive Production Contract proposal. The Government will also evaluate the risk of the Offeror's production configuration meeting the system requirements. The Government will also evaluate the Offeror's proposed fixes and/or fix plan for any unfavorable test incidents discovered during Phase I Competitive Evaluation. The proposed changes that were not tested during the Phase I Competitive Evaluation will be rated at a higher risk than those changes that were fully tested. Additionally, the Government will evaluate the Offeror's configuration and usefulness for future acceptance by the Government after their configuration is validated through Production Qualification Testing.

A.3.2.4 ILS Impacts. ILS Impact will be addressed in the Production Contract source selection evaluation, but in more detail than in the Competitive Evaluation Phase. This data will be gained through Test Support Findings (Government Tester assessment), Test Incident Reports or any Logistics Demonstration. The Offeror will be required to respond to the incidents discovered during the Phase I Competitive Evaluation contract, as well as identify what support activities they will develop and execute in the Phase II Competitive Production Contract in order to support their configuration through test and fielding. The Government will evaluate the sufficiency, quality, and extent of the Offeror's ILS actions, as well as assess the risks of the Offeror accomplishing these actions in a timely and sufficient manner to support the Government's FMTV Competitive Rebuy program.

A.3.2.5 Production. Production capabilities and planning will again be reviewed during the Production Contract source selection evaluation. This effort will update previous Government findings from Phase I and confirm that the Offerors are ready to successfully execute their production plan if they are awarded the contract. The Government will also assess the risk of the Offeror executing their plan.

A.3.2.6 Past Performance and Small Business Subcontracting. Past Performance and Small Business Subcontracting participation will be updated for the Production Contract source selection evaluation.

A.4 Government Execution. The Offeror is cautioned that conduct of this program, or the items discussed above, in no way obligates the Government to carry out a future procurement of the FMTV, nor to carry out a Phase II Production Contract source selection evaluation through the methods described above. While the Competitive Evaluation and Production strategy is based on current acquisition planning, the Government reserves the right to alter, amend, or cancel its current planning without notice to the public. By participating in this program, the Offeror agrees that no obligation on the part of the Government is thereby created regarding any future acquisitions.

A.5 Partnering. In an effort to most effectively accomplish the Competitive Evaluation contract, the Government will include a provision incorporating the concept of "partnering" with each contractor. Partnering is a process used to reduce adversarial attitudes, improve trust and communication, and build teamwork. This cooperative relationship will strive to draw on the strengths of each organization in an effort to achieve a quality product, at the prices offered and on schedule. This effort will be bilateral in make-up and participation will be totally voluntary.

\*\* Changed by Amendment 0002.

\*\*\* END OF NARRATIVE A 001 \*\*\*

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Attachment 007	SOLID MODELING REQUIREMENTS	02-JAN-01		
Attachment 043	MATRIX OF RFP SECTIONS L, & M (PROVIDED FOR INFORMATIONAL PURPOSES ONLY)	02-JAN-01		
Attachment 050	FINAL REPORT OF THE PRODUCTION QUALIFICATION TEST (PQT) AND RETEST OF THE FAMILY OF MEDIUM TACTICAL VEHICLES (PROVIDED FOR INFORMATIONAL PURPOSES ONLY)	13-DEC-00		

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SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

L.1 Proposal Instructions and Content

L.1.1 Proposal Submission. The proposal shall be submitted in the formats and quantities set forth below. Section M sets forth evaluation criteria and their relative order of importance to the Government. All proposals shall be in English (American Standard). All proposals shall be in US dollars. In preparing proposals, the Offeror shall cross-reference their response within each section of the proposal to the pertinent evaluation criteria in Section M. Where a proposal would become duplicative of a response already given, it shall reference by paragraph number and not restate the same information within that volume. Each section of the proposal shall be separable to facilitate review by the Government. Offers shall be submitted in the following types and quantities:

Volume Number	Title	Paper Copies	Electronic Copies
1	Executive Summary	20	3
2	Life Cycle Cost Area	4	3
3	Technical and Logistics Area which consists of two sub-volumes with corresponding sections: 1) Technical Risk and 2) Integrated Logistics Support Impacts	10	3
4	Past Performance/Small Business Area	4	3
5	Contract Price Area	4	4*
6	Production Capability Area	3	3
7	Proposed Terms and Conditions	4	3

\* One electronic copy of Volume 5 shall be provided to the Offeror's cognizant DCMA Office (4 total).

L.1.2 Proposal Evaluation. The Offeror's proposal/offer as required by this Section shall be evaluated, as set forth in Section M of this Solicitation. Offerors will be advised in advance of any Government plans to utilize non-Government consultants. If access to any proprietary material from an Offeror's proposal needs to be provided to a non-Government consultant, the Offeror's specific approval to provide such access must be received before access may be provided so as to comply with 18USC1905.

L.1.3 Electronic Offers.

L.1.3.1 Offerors must submit an electronic offer, and any supplemental information (such as spreadsheets, backup data, and technical information) using the following:

(i) Files using these Microsoft 97 Office Products (TACOM can currently read Office 97 and lower): Word, Excel, PowerPoint or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.

(ii) Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch.

(iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within the electronic offer and be accessible offline.

(iv) Other electronic formats. Before preparing the offer in any other electronic format, the Offeror shall e-mail the buyer identified in Block 10 of the solicitation cover sheet (Government Standard Form 33), with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the closing date. Failure to e-mail the buyer within this timeframe to seek an alternate format's acceptability may result in rejection of the offer. All alternate methods must be at no cost to the Government.

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Note: The above formats may be submitted in compressed form using self-extracting files.

L.1.3.2 Acceptable Media. The Offeror must submit the electronic copies of the offer via 100 MEGABYTE ZIP-Disk or 650 MEGABYTE CD ROM via U.S. Mail or other carrier. Offerors shall label any and all submitted disks with the solicitation number and closing date, and the Offeror's name and address and contact phone number. Envelopes containing disks must be labeled per FAR 52.215-1, found within the provision "Instructions to Offerors-Competitive Acquisition", listed in Section L. The Offeror's attention is also called to the entirety of that provision-all contained therein is applicable to paperless electronic offers. In the event of multiple submitted offers, place each offer/submission on its own disk(s) (one offer can comprise multiple disks). The Offeror shall submit only one offer/submission per envelope.

L.1.3.3. Lateness. The lateness rules for submitted disks are outlined in FAR 52.215-1 "Instructions to Offerors-Competitive Acquisition", listed in Section L of this solicitation.

L.1.3.4. Security Note. If the Offeror chooses to password protect access to the offer, the Offeror must provide the Password to TACOM before the closing date. Contact the buyer identified in Block 10 of the SF33 solicitation cover sheet to arrange a means of providing it. Passwords used only for the purpose of write protecting files need not be provided.

L.1.3.5 Electronic Offers must include, as a minimum:

a. The SF33 "Solicitation, Offer and Award" filled out. SIGNATURE: The SF33 must be signed and included electronically in your disk or CD. Clearly label the disc/CD ROM as described in paragraph L.1.3.2 above, adding the name and title of the signer authorizing the Offeror's company, company name, and then sign the LABEL itself.

b. All applicable fill-in provisions from Sections A, B, F and K of this solicitation. The Offeror may find Word versions of Section K provisions requiring the Offeror fill-in on the TACOM Business Opportunities webpage (<http://contracting.tacom.army.mil/mastersol/sectionk.htm>). The Offeror can fill them in and attach them to the offer. See the solicitation for which provisions are required. Also, Section E provisions filled in (if applicable): Inspection Point Origin, TACOM Clause 52.246-4028. All applicable fill-ins must be completed and submitted by the Offeror.

c. A statement of agreement to all the terms, conditions and provisions of this solicitation.

d. Any other information required by the solicitation.

e. A Subcontracting Plan IAW FAR 52.219-9 "Small Business Subcontracting Plan".

L.1.3.6. Please see FAR 15.207(c) for a description of the steps the Government shall take with regard to unreadable offers.

L.1.3.7. Offerors shall make every effort to ensure that their offer is virus-free. Offers (or portions thereof) submitted which DO reflect the presence of a virus, or which are otherwise rendered unreadable by damage in either physical or electronic transit, shall be treated as "unreadable" per paragraph L.1.3.6. above.

L.1.4 Proposal Volumes. The proposal shall be submitted in seven separate volumes/electronic folders. The volumes/electronic folders shall be: 1) Executive Summary, 2) Life Cycle Cost Area, 3) Technical and Logistics Area, 4) Past Performance/Small Business Area, 5) Contract Price Area, 6) Production Area, and 7) Proposed Terms and Conditions. The proposal text shall be no smaller than 12 point, Arial font. Charts supporting the proposal shall use a font size no smaller than 10 point, Arial font. Each page shall be numbered and an index shall be provided with each section of each volume with references to page numbers. Each volume shall be separable and able to stand alone for evaluation purposes. For the Contract Price Volume, spreadsheets should be in Excel or Excel readable format.

L.1.4.1 Paper Copies. Paper copies of each separate volume shall be provided, clearly labeled and in a separate binder. The paper copy shall be identical to the electronic proposal submission. Each page shall identify the appropriate Volume/Folder and be numbered. With the exception of drawings, paper pages shall be on standard 8.5" x 11" paper except for single foldout pages (up to 17" x 11" allowed). An index shall be provided with each section of each volume with reference to page numbers. Separate drawings may be submitted in electronic format. Specific formats and media of supporting data should be checked with the Government prior to submission to insure compatibility. IN THE EVENT OF A DIFFERENCE, THE PAPER VERSION SHALL TAKE PRECEDENCE OVER THE ELECTRONIC VERSION OF THE OFFER.

L.1.5 Contractor Proposed Changes (Attachment 18). The first three volumes of the proposal (Executive Summary, LCC Area, Technical & Logistics Area) constitute the Contractor Proposed Changes and shall be designated Volumes A, B and C of Attachment 18 upon contract award. \*\*

L.1.6 Each volume shall include separate sections as structured below.



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L.2 Volume 1 - Executive Summary (Volume A of Attachment 18). \*\* This volume is subdivided into four sections: 1) Engineering Change Proposal Matrix, 2) System Impact of Proposed Changes, 3) Level 4 Work Breakdown Schedule, and 4) Engineering Change Proposal Forms. The Offeror shall provide a summary of all their proposed changes to the Government FMTV A1 baseline configuration (C.3.1.1) that they wish to incorporate in their Contractor's baseline configuration (C.3.1.2.2). Attachment 18, Contractor Proposed Changes, contains an outline for this volume, which is summarized below.

L.2.1 Section 1 - Engineering Change Proposal (ECP) Matrix. The Offeror shall supply an ECP matrix, which provides a listing of all the proposed ECPs by unique identification number, the title of the change, and references to the Government FMTV A1 baseline configuration (example in Attachment 18).

L.2.2 Section 2 - System Impact of Proposed Changes. Within this section, the Offeror must address the net system performance differences of their vehicle configuration as compared to the Government FMTV A1 baseline configuration (C.3.1.1). The discussion should be of a general nature, identifying and describing the sub-system changes and any impact(s) to Life Cycle cost, performance, and Integrated Logistics Support (ILS). The Offeror shall also summarize the predicted system reliability by providing the predicted RAM-D data for the various vehicle variants of this Proposal (variants listed in Attachment 20 plus the LMTV and MTV trailers). The Offeror shall also supply a written matrix for the system and the major subsystems (example in Attachment 11) to serve as a thumbnail sketch of where the Offeror addresses various changes in the proposal.

L.2.3 Section 3 - Level 4 Work Breakdown Schedule. The Offeror shall expand the Surface Vehicles Work Breakdown Structure (WBS), Military Handbook 881, Annex G for Primary and Secondary vehicle(s) to at least a level 4 (Offeror's proposed WBS structure). A copy of the Handbook 881 can be accessed on-line at [http://www.acq.osd.mil/pm/newpolicy/wbs/mil\\_hdbk\\_881/apdx\\_e-h.htm#g](http://www.acq.osd.mil/pm/newpolicy/wbs/mil_hdbk_881/apdx_e-h.htm#g).

L.2.4 Section 4 - Engineering Change Proposal Forms. This section contains all of the proposed ECPs (IAW Attachment 45) without supporting documentation. These forms, contractor format permitted, shall be in order of section 2, ECP matrix (L.2.3). The Offeror shall fill out the Engineering Change Proposal (ECP) forms (Attachment 45) or equivalent Offeror's format for all the proposed changes. If Offeror format is used, it should provide all the information for the changes, with the same block numbers and nomenclature. Instructions for filling out the form are given in Attachment 45. While these are the Offeror's proposed changes, the documentation should be of sufficient quality and substance to fully describe the change and its impacts on part and system level and overall impact on the vehicle to meet the requirements listed in Section C. Changes shall reference supporting material, back-up rationale, assumptions, and design methodology included in Volumes 2 & 3, which are sufficient to allow a technical review and validation.

L.3 Volume 2 - Life Cycle Cost (LCC) Area (Volume B of Attachment 18). \*\* This volume provides all of the required supporting documentation for Life Cycle Costs, Block 40i of the ECP (Attachment 45). The Offeror must clearly identify the LCC impact of each proposed change to the FMTV A1 baseline configuration. The LCC is all costs incurred during the total life (estimated 20-year life for each vehicle), from project initiation through termination. Included are costs for research and development, production (including Federal Retail Excise Tax (FRET)), military construction, deployment, and operating and support (maintenance, manuals, Petroleum-Oil-Lubricants, spare and repair parts (including obsolescence), training of operators and maintainers, transportation, other crew-related expenses, etc.).

L.3.1 Life Cycle Cost Information. For any proposed changes to the FMTV A1 baseline configuration, the Offeror shall provide the following information listed below for both the proposed change and the configuration in the FMTV A1 baseline. Potential sources that could be used by Offerors to help estimate A1 baseline component data include: 1) the Provisioning Master Record (PMR), 2) the Fielded Vehicle Performance Data System (FVPDS) and 3) the Operating and Support Management Information System (OSMIS). Where FMTV A1 baseline data is not available, each Offeror may have to apply its knowledge of tactical vehicles and engineering principles to estimate factors for both the A1 baseline and its proposed changes. The Government will enter the information into a life cycle cost model (Attachment 19) for use in proposal evaluation as described in Section M.3.3.1. All costs should be expressed in FY01 constant dollars (i.e. reflect current purchasing power).

a. Configuration change identification number from Block 8d of the ECP (Attachment 45).

b. Unit procurement cost of the affected components. When developing unit procurement estimates for affected components, use the guidance provided for developing vehicle production unit prices (described in L.6.4). There should be a common pricing basis between the affected component procurement costs and the vehicle production unit price data. The unit procurement cost of the affected components should include the assembly line labor to install the relevant components in the vehicle. This unit cost should also include a pro rata share of all relevant non-recurring costs based on the assumed procurement quantities. Assume the annual procurement quantities for FY03-07 (subject to budgetary constraints) to be:

	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>
LMTV Trucks	158	1,176	689	832	869
MTV Trucks	718	1,435	1,292	1,540	1,704
LMTV Trailers	135	360	904	905	905
MTV Trailers	45	135	228	227	227

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For FY08 through FY22, assume the annual procurement quantities to be:

LMTV Trucks	1,450
MTV Trucks	1,950
LMTV Trailers	100
MTV Trailers	300

- c. Unit cost of replenishment components (to replace failed and discarded components during the operating life of each vehicle).
- d. Total quantity of the affected components per vehicle (if it varies by variant, provide breakout by variant).
- e. Failure Rate (average probability of failure in 20,000 miles or 1,000 operating hours, whichever is more appropriate) for each affected component expressed on a per component basis.
- f. RESERVED.
- g. Average man-hours to repair, including time to remove and replace the component(s) on the vehicle (if a component is a non-reparable, throwaway item such as a filter, indicate not applicable).
- h. Average material/parts cost to repair (if applicable).
- i. Washout rate (probability that a failed component will not be economically reparable and therefore, be discarded upon failure).
- j. Estimated cost to revise technical manuals including IETMs.
- k. Estimated increase or decrease in vehicle curb weight in pounds (if it varies by variant, so indicate).
- l. Estimated increase or decrease in fuel consumption in gallons per mile (if it varies by variant, so indicate).
- m. Any other life cycle cost impacts relevant to the configuration change.

n. Basis of LCC Estimates. The Offeror shall provide all their relevant assumptions, supporting methodology, and databases utilized in developing their LCC data. Supporting documentation should be submitted at the configuration change level for both the proposed change and the Government FMTV A1 baseline configuration. If specific elements of LCC documentation apply to all configuration changes, they do not need to be submitted with each specific configuration change. The specific LCC documentation should be identified and referenced with text such as: "applicable to all configuration changes" or "applicable to configuration changes 1-3 only." If a change impacts only the LMTV or MTV Trailer, or only specific truck variants (listed in Attachment 20), the Offeror shall specify the truck and/or trailer variants to which the change applies. The percentage breakout by variant of the expected future FMTV truck requirements (Attachment 20) may assist Offerors in assessing the LCC impact of potential configuration changes.

L.4 Volume 3 - Technical and Logistics Area (Volume C of Attachment 18). \*\* This volume provides all of the required supporting documentation for the proposed ECPs (L.2.4) in two sub-volumes, Element 1 - Technical, and Element 2 - ILS Impacts. Supporting documentation can consist of items such as the following:

- a. Drawings
- b. Sketches
- c. Parts lists
- d. Questionnaires
- e. Technical trade studies
- f. Computer animation (coordinate with the Government on specific formats if different from the modeling and simulation requirements)
- g. Engineering analysis
- h. Government or commercial test data/certifications
- i. Offeror modeling and simulation results
- j. RAM-D analysis and predictions
- k. Draft Item Performance Specifications (IPS)
- l. Draft Interface Control Documents (ICDs)
- m. Applicable commercial/industry/recognized societies' standards
- n. Specifications
- o. Specification sheets
- p. Commercial literature

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- q. Sales brochures
- r. Vehicle/assembly/component characteristics sheets
- s. Compatibility studies with the FMTV A1 fleet
- t. Producibility of all the Offeror parts/changed parts, and system/s
- u. Solid models
- v. Common Fleet Integration Design Practices including but not limited to:
  - 1) Future upgrades, improvements, and other commercially competitive products that could potentially be inserted into the configuration based on the Offeror's common fleet integration design practices
  - 2) Common commercial standards utilized for the hardware/design
  - 3) Tooling, proprietary process, and proprietary data necessary for producing the item
  - 4) Potential competitive sources for the item
  - 5) Potential access and availability of the item to alternate vendors
  - 6) Types of adapter/interface kits that may be required to adapt alternate hardware to the configuration
  - 7) Potential modification procedures, equipment and facilities necessary to install the Offeror's hardware onto FMTV A1 vehicle
  - 8) Potential future growth opportunities for the hardware/design and ease of retrofit into the Offeror's architecture

w. Analysis of other test criteria the Government should examine during test so that the Government can fully examine the Offeror's design beyond the testing and modeling/simulation currently described in Sections C.

**L.4.1 Element 1 - Technical Risk.** In this sub-volume, the Offeror shall submit all pertinent supporting information and data to the proposed ECPs (L.2.4) necessary for comparison of the Offeror's system performance with the requirements of Section C. The Offeror's technical information shall be used to assess the suitability and technical risk of the Offeror's proposal to meet the requirements of the vehicle's performance and design. Overall, the Offeror's discussions should demonstrate a comprehensive understanding of truck design methods and concerns that will ensure performance specification compliance. The Technical Risk Element includes two factors: 1) Demonstrated Reliability, and 2) System Impact of Offeror's Proposed Changes.

**L.4.1.1 Factor 1. Demonstrated Reliability.** The Offeror shall provide IAW Attachment 45 the current RAM-D data for all the components and subsystems that are needed for their changes (ECP form, block 39 c). This data could be independent test data, current Offeror data, or estimated reliability data. For changes where current RAM-D data is not available, the Offeror shall provide the predicted RAM-D data with all the details for technical evaluation. The Offeror shall also provide the predicted RAM-D data for the various vehicle variants of this Proposal in the Volume 1 Executive Summary (L.2.1). The existing RAM-D requirements for the Government FMTV A1 baseline configuration are listed in the TDP and the System Specification, ATPD 2131B.

**L.4.1.2 Factor 2. System Impact of Offeror's Proposed changes.** The Offeror must address the net system performance differences of their vehicle configuration as compared to the Government FMTV A1 baseline in the Volume 1 Executive Summary (L.2.1). For each proposed ECP (L.2.4) the Offeror will address the system impact of each change in blocks 19, 20, 28-31 and 33 of the ECP (Attachment 45). The discussions should be of a specific nature, identifying and describing all the changes to provide this difference in performance.

**L.4.1.3 Modeling and Simulation.** Modeling and Simulation will be used to both assist the Offeror in preparing a proposal and support the Government's evaluation of the Offeror's proposed ECPs. Attachment 46 is provided to illustrate the Modeling and Simulation requirements and schedule.

**L.4.1.3.1 Modeling and Simulation Input Requirements.** The Offeror shall submit modeling and simulation data of their proposed M1078A1, M1083A1 and M1088A1 vehicles as part of Volume 3, for evaluation of FMTV A1 requirements listed in Attachment 4. The items required to support this analysis and the format for the Offeror's input are described in Attachments 5, 6, 8, 9, 10 and 11 and shall be submitted with the proposal whether changes are made or not for evaluation. All changes shall be highlighted.

**L.4.1.3.2 Optional Modeling and Simulation Development.** After RFP release, and prior to proposal submission, the Government will allow the Offerors:

- 1) Up to 3 DADS and NRMM simulation results on Government Computing Resources for the M1078A1 at Gross Vehicle Weight (GVW) and/or Gross Combined Weight (GCW) as defined in the vehicle specification.
- 2) Up to 3 DADS and NRMM simulation results on Government Computing Resources for the M1083A1 at GVW and/or GCW.
- 3) Up to 3 DADS simulation results on Government Computing Resources for the M1088A1 while towing a payloaded and/or non-payloaded M871A2 flatbed trailer.

The Government definition of the word "results" is provided in Section C.7.1.1. The pre-proposal simulation support will consist of the interested bidding contractors submitting their vehicle data sheets (DADS using Attachment 5, NRMM using Attachment 6) to the Government prior to proposal submission. The Government will develop the models with this data. The Government will perform a simulation, similar to that used during the Government's proposal evaluation, and provide the output to the Offeror. This effort will benefit the Government by allowing receipt of the model data ahead of the proposal submission and providing the best use of Government proposal evaluation time to perform analysis and evaluation of the Offerors' configurations against the requirements. The benefit to the Offerors is that they could, using the output of the Government simulations, modify their

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designs to better meet the system requirements, potentially resulting in the Government acquiring better trucks. In order to take advantage of this Government offering, an Offeror must:

- a. Enter into a Computer Resource Partnering Agreement with the Government similar to that described in Section C.7.2.
- b. Provide the data outlined in Attachment 5 for the DADS and Attachment 6 for the NRMM simulation.

**L.4.1.3.3 Modeling Data Security.** The Government will establish partitions between competing Offeror models and data in order to prevent unauthorized dissemination or exchange of any competition sensitive, source-selection, or proprietary information, or for the premature or unilateral release of acquisition-related information. The Government acknowledges that the data provided by the Offerors and the modeling and simulation data results are "Competition Sensitive - Business Confidential" and therefore exempt from the release under the Freedom of Information Act (FOIA).

**L.4.2 Element 2 - Integrated Logistic Support (ILS) Impacts.** In this sub-volume, the Offeror shall provide sufficient supporting documentation and data for the ILS impacts of their vehicle's configuration submitted in the proposed ECPs (L.2.4) to enable the assessment of the Offeror's system ILS requirements against the Government FMTV A1 Baseline Configuration requirements (Section C). The Offeror's ILS information will be used to assess the suitability and risk of the Offeror's proposal to meet the support requirements of the vehicles. Overall, the Offeror should demonstrate a comprehensive understanding of Army materiel and truck support methods and concerns that will ensure the system will be fully supported in the field.

**L.4.2.1 Factor 1. Commonality** - The Offeror shall provide information IAW Attachment 45, Block 30, Configuration Items Affected. The Offeror shall demonstrate that their configuration changes strive to meet the Common Fleet Integration Design Practices, while still being downward compatible with the FMTV A1 fleet to the maximum extent practical. The Offeror should address where applicable:

- 1) Commonality between variants (FMTV A1 TDP, Attachments 15, 16)
- 2) Downward compatibility to the FMTV A1 (FMTV A1 TDP, Attachments 15, 16)

**L.4.2.2 Factor 2 - Integrated Logistics Support Analysis.** The offeror shall provide information IAW Attachment 45, Block 38, Effect on Integrated Logistics Support (ILS) Elements, Block 39, Effect on Operational Employment and should address where applicable:

- 1) Spares and Repair Parts (Attachments 15, 38, 39 and C.6.9)
- 2) Tech Manuals/IETMs (Attachments 15, 16, and C.6.11)
- 3) Support Equipment (C.6.4.2)
- 4) Operator Training (Attachment 24, and C.6.15.1)
- 5) Operator Training Equipment (Attachment 24)
- 6) Maintenance Training (Attachment 24)
- 7) Maintenance Training Equipment (Attachment 24)
- 8) Software/Code Availability/Compatibility (Attachment 15)
- 9) Tools (Attachments 15, 16, and C.6.10)
- 10) Special Purpose Kit Interface (Attachments 15, 16)
- 11) Safety (C.9, C.10)
- 12) Operating Procedures (Attachment 15, 16)
- 13) Human Factors/MANPRINT Engineering

**L.5 Volume 4 - Past Performance/Small Business Area.** This volume shall be broken into two sub-volumes: 1) Past Performance and 2) Small Business/Small Disadvantaged Business Plan. The specific input required is described below.

**L.5.1 Element 1 - Past Performance.** Within this sub-volume, the Offeror shall provide information for the Offeror's recent and relevant contracts, including Federal, State, and local government and private industry contracts and those of their proposed significant subcontractors whose effort is 10% (percent) of the proposed combined total for the Phases I and II contract dollars. Recent contracts are those with any performance taking place within the three (3) years previous to the date this solicitation was issued. Relevant contracts are those that are similar in scope (products and/or processes) to the requirements of this solicitation. For each of the Offeror's recent and relevant past contracts, provide the following information:

- a. Description of scope of work requirements and a discussion of similarities between the contract scope and the scope of this solicitation. Detail why or how the Offeror considers the effort on the contract to be relevant or similar to the effort required by this solicitation.
- b. The Offeror's (and any significant subcontractor's) Contractor and Government Entity (CAGE) Code and Data Universal

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Numbering System (DUNS) numbers.

- c. Government or commercial contracting activity address, e-mail and telephone number.
- d. Procuring Contracting Officer's (PCO) name, e-mail and telephone number.
- e. Government or commercial contracting activity technical representative, or Contracting Officer's Representative (COR), e-mail and telephone number.
- f. Government or commercial contracting activity, and the name, e-mail and telephone number of the Administrative Contracting Officer (ACO).
- g. Contract number.
- h. Contract type.
- i. Award price/cost.
- j. Final, or projected final, price/cost.
- k. Original delivery schedule.
- l. Final, or projected final, delivery schedule.
- m. Description of objectives achieved to date on the contract. For any contracts which did not/do not meet original requirements with regard to cost or schedule or technical performance, a brief explanation of the reason(s) for such shortcomings and any demonstrated corrective actions taken to avoid recurrence. For Government contracts, the Offeror shall also provide a copy of any cure notices or show cause letters received on each previous contract listed and a description of any corrective action taken by the Offeror or proposed significant subcontractor.

**L.5.1.1 Cancellations and Terminations.** Identify any recent contracts during the past three (3) years, which have been terminated (in whole or in part), for default, or for any reason. Include those currently in the process of termination as well as those that are not similar to the proposed effort. Include prime contracts, contracts under which the Offeror was a subcontractor and any of the Offeror's subcontractors' contracts. Provide the information requested in paragraph L.5.1 above for any of these contracts. If there were no cancellations or terminations, please state that.

**L.5.1.2 Corporate Entities.** If any contract listed in L.5.1 was performed by a corporate entity or division other than the corporate entity or division that will perform work under this Request for Proposal, please identify them and indicate to what extent those entities will perform this effort. If they have relocated or changed ownership since performance of the listed efforts, please describe any changes in terms of personnel, facilities, or equipment, from those expected to perform this effort. Offerors shall provide an outline of how the effort required by the solicitation will be assigned for performance within the contractor's corporate entity.

**L.5.1.3 Key Personnel.** If the Offeror has limited or no recent or relevant past performance, but have key personnel who will be playing a significant role in this contract performance and who has had significant and similar responsibilities in conjunction with recent, relevant contracts or subcontracts of a previous employer, the Government may consider this experience in its evaluation of performance risk. In order for the Government to consider such experience, please identify these key personnel, their roles and responsibilities for their previous employer and their roles and responsibilities as planned for the current requirement. Also provide similar information to that identified in L.5.1 for those contracts that these key personnel were involved in with those previous employers.

**L.5.1.4 Predecessor Companies.** Likewise, if the Offeror or a significant subcontractor only has relevant and recent performance history as a part of a predecessor company, the Government may consider that past performance in its evaluation of performance risk. Please provide the information identified in L.5.1 through L.5.1.3 for those recent, relevant contracts of that predecessor company.

**L.5.1.5** The Government may use data the Offeror provides and data the Government gathers from other sources to evaluate past performance. Since the Government may not interview all the sources the Offeror provides, it is incumbent upon the Offeror to explain all the data they provide. The Government does not assume the duty to search for data to cure problems it finds in proposals. The burden of providing thorough and complete past performance information remains with the Offeror. The Government may assign a "higher risk" rating to the Offeror's proposal, or reject the Offeror's proposal if it does not contain the information requested.

**L.5.2 Element 2 - Small Business, Small Disadvantage Business Plan.** Offerors are to identify the extent to which small businesses (SBs), small disadvantaged businesses (SDBs), woman-owned small businesses (WOSBs), historically black

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colleges/universities or minority institutions (HBCU/MIs) Historically Underutilized Business Zone Small Businesses (HUBZone SBs) would be utilized in the performance of this proposed contract. For small businesses, as defined by the Standard Industrial Code applicable to this solicitation, the Offeror's own participation as a SB, SDB, WOSB, HBCU/MI or HUBZone SBs is to be identified, and will be considered in evaluating small business participation.

L.5.2.1 The Offeror is to address the following factors in detail.

a. All Offerors are to provide:

- (1) the names of SBs, SDBs, WOSBs, HBCU/MIs or HUBZone SBs who would participate in the proposed contract, identifying specific components to be produced or services to be performed by them, and the estimated total dollars of such work;
- (2) a description of the Offeror's performance, over the past three (3) calendar years, in complying with the requirements of FAR 52.219-8, including description and available documentation of the methods employed to promote small business utilization and the internal methods used to monitor such utilization.

b. Offerors who are large businesses, as defined by the Standard Industrial Code applicable to this solicitation, are also to provide a description of their performance over the past three calendar years in complying with the requirements of FAR 52.219-9, including documentation of their accomplishment of the goals established under Subcontracting Plans of prior contracts. Large businesses that have never held a contract incorporating 52-219.9 shall so state.

L.6 Volume 5 - Contract Price Area. The Contract Price volume includes two parts: 1) Element 1 - Phase I Competitive Evaluation Price, and 2) Element 2 - Phase II Production Price Estimate. The Element 1 - Phase I Competitive Evaluation price will be evaluated for reasonableness and risk. The Element 2 - Phase II Production Price Estimate will be evaluated for realism and consistency with the Offeror's technical and production approach, and historical data and experience available from Government sources. The Production Price Estimate will be used in the determination of the overall Best Value to the Government for this contract.

L.6.1 The Contract Price volume shall include data to support the realism, reasonableness and risk of the proposed amounts. The evaluation of realism, reasonableness and risk seeks to determine whether the proposed amounts accurately reflect the estimated price for the Offeror's specific technical approach. The most important aspects of the contract price proposal shall include the following:

- a. The proposed price to the Government must reflect the use of prudent judgement and sound business practice. Sound business practice includes compliance with governing regulations about estimating and accounting for costs.
- b. The Contract Price Volume must also be consistent with the Offeror's Technical and Logistics Volume. The consistency between the Offeror's Contract Price and Technical and Logistics volumes reflects on the Offeror's understanding of the work required and on the Offeror's ability to perform the effort required by the scope of work for the amount proposed. Any significant inconsistency, if unexplained, raises a fundamental question as to the Offeror's inherent understanding of the work required and as to their ability to perform the contract.

L.6.2 Proposal Structure. The instructions that follow are not intended to be restrictive or all-inclusive. Offerors may submit any other price and financial information they consider to be helpful in the evaluation of the price proposal. The Government will use many resources in the evaluation of the price proposal. The Government reserves the right to request more detailed information.

L.6.2.1 Printed Submission. The Offeror's name, solicitation number, and date of the submission shall appear on each page of each table in the Contract Price Volume. If a table requires more than one page, each page of the table shall include the column and row titles. All prices shall be stated in U.S. dollars only, including costs for the prime contractor and any potential subcontractors. If the basis for the proposal is any other currency, the Offeror shall state the exchange rate being used to convert this currency to U.S. dollars.

L.6.2.2 Contingencies/Adjustments. The Offeror shall identify the nature and amount of any contingencies or any upward/downward adjustments and the rationale for the adjustment.

L.6.3 Element 1 - Phase I Competitive Evaluation Price. The Offeror is required to submit limited pricing support data to support the proposed amount. Failure to submit a proposal in accordance with the instructions that follow may result in rejection of the proposal. The price proposal should also include a top level spreadsheet for the entire element summarizing the categories listed below. In addition, provide spreadsheets by Government Fiscal Year (1 Oct-30 Sep) to include the following elements:

L.6.3.1 Direct Labor. Direct labor hours and dollar value, by skill level or department.

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L.6.3.2 Direct Material. Bill of materials for items >\$1,000 per vehicle.

L.6.3.3 Other Direct Costs. Provide a list of any significant other direct costs expected to be incurred. The Offeror shall state the fully-loaded costs for each category of Other Direct Cost.

L.6.3.4 Major Subcontractor (>\$1,000,000). Provide same data as for the Prime Offeror (excludes commercial or competitive items).

L.6.3.5 Interdivisional Transfers. Provide same data as for the Prime Offeror (excludes commercial or competitive transfers).

L.6.3.6 Indirect Costs. Indirect costs include: labor overhead, material overhead, and G&A amount(s) and rate(s) proposed. Also, provide historical rate(s) for Offeror prior FY and year-to-date for the Offeror current FY.

L.6.3.7 Basis of Estimate for all Direct costs traceable to the above required spreadsheets.

L.6.4 Element 2 - Phase II Production Contract Price. The Offeror shall provide a vehicle unit price estimate for each of the variants shown in each of the three procurement schedules listed below using a multiyear contract scenario. The variant mix in these schedules does not represent the intended mix for any future FMTV contract. It is a simplified mix for analytical purposes only. Federal Retail Excise Tax (FRET) should not be included in the production price estimates. The price estimates should include the cost for application of the three-color camouflage paint pattern and a 25-mile road test on each vehicle. The vehicle price estimates should include costs for program support. Program support is defined as all contractor support necessary for production and delivery of vehicles including Engineering Support In Production (ESIP). It does not include test support. The Offeror shall base the vehicle price estimates on that contractor's baseline configuration, which includes all changes that the Offeror is proposing to the Government FMTV A1 baseline configuration. The price for vehicles shall also include all costs for support. \*\* All price estimates for the production phase shall be stated in Fiscal Year 2001 constant dollars, i.e. reflecting the purchasing power of a dollar between October 2000 and September 2001.

In addition to the estimated unit prices, provide a spreadsheet applying the unit prices to the quantities in the format shown below.

The following fiscal year procurement schedules show vehicle quantities by the fiscal year of funding which would be applied to each year of the multiyear procurement (subject to budgetary constraints). For the purposes of these price estimates, assume that the vehicles funded in one fiscal year are actually produced in the following fiscal year, i.e. the FY03 vehicles are produced in FY04.

VEHICLE VARIANT	FY03	FY04	FY05	FY06	FY07	TOTAL
<u>HIGH:</u>						
LMTV Cargo w/o winch	158	1,176	689	832	869	3,724
MTV Cargo w/o winch	542	1,034	846	964	1,078	4,464
MTV Tractor w/o winch	158	347	387	504	527	1,923
MTV Wrecker	18	54	59	72	99	302
MTV Trailer	180	495	1,132	1,132	1,132	4,071
TOTAL HIGH	1,056	3,106	3,113	3,504	3,705	14,484
<u>MEDIUM:</u>						
LMTV Cargo w/o winch	123	915	536	647	676	2,897
MTV Cargo w/o winch	422	804	658	750	838	3,472
MTV Tractor w/o winch	123	270	301	392	410	1,496
MTV Wrecker	14	42	46	56	77	235
MTV Trailer	140	385	881	881	881	3,168

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TOTAL MEDIUM	822	2,416	2,422	2,726	2,882	11,268
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LOW:

LMTV Cargo w/o winch	88	654	383	462	483	2,070
MTV Cargo w/o winch	301	574	470	536	599	2,480
MTV Tractor w/o winch	88	193	215	280	293	1,069
MTV Wrecker	10	30	33	40	55	168
MTV Trailer	100	275	629	629	629	2,262
TOTAL LOW	587	1,726	1,730	1,947	2,059	8,049

The Government may request detailed support if the Offeror estimated unit prices appear to be inconsistent with historical and/or other current Government information.

L.7 Volume 6 - Production Capability Area. This volume shall discuss the various production methods and systems that the Offeror intends to apply in the performance of the Phase I Competitive Evaluation Phase and during the FMTV Phase II Competitive Rebuy production contract.

L.7.1 Element 1 - Phase I Competitive Evaluation Phase. The Offeror shall provide a plan that describes: 1) Integration Facility - the Government will evaluate the Offeror's plan to store and modify the Government Furnished FMTV Als, and 2) Producibility Program - the Government will evaluate the contractors Producibility Program to ensure the proposed changes can be economically produced, inspected, and tested in sufficient quantity to meet the Production Phase production requirements.

L.7.2 Element 2 - Phase II Production Plan for the Competitive Rebuy Phase II Production. This section shall discuss the Manufacturing Plan, Facilities, Equipment and that will be used to meet the Production Phase production requirements that are identified in L.3.1 of this solicitation to ensure a timely production schedule.

L.7.2.1 Manufacturing Plan. The Offeror shall provide a detailed production facility layout drawing that identifies the progressive physical flow of hardware within the Offeror's proposed production site. The layout shall detail the flow process from the point of material receipt and storage, through component assembly, vehicle assembly, paint, test, prep and ship. The Offeror shall also describe any in-house manufacturing that is planned to support the FMTV production phase. The Offeror's layout shall identify the location of all required production equipment and ancillary support equipment (forklifts, cranes, etc.) which are required to support the proposed production approach.

L.7.2.2 Facilities. The Offeror shall describe the facility/facilities proposed for use in the FMTV production phase. The Offeror shall provide the dimensional size (sq. ft.) of all structures, storage areas, lots, test facilities and open areas at the site. The Offeror shall identify all public utilities required and currently available at each location and the proximity of the site to highway and rail capabilities. The Offeror shall provide a milestone schedule for any new facility construction and identify the size and capacity for the new facility.

L.7.2.3 Equipment. The Offeror shall identify and milestone the availability of all key equipment items required to accomplish production. The Offeror shall categorize the equipment in accordance with proposed use, identify the source for the equipment and the proposed availability dates.

L.8 Volume 7 - Proposed Terms and Conditions

L.8.1 The Offeror shall provide signed SF 33 "Solicitation, Offer and Award".

L.8.2 All applicable fill-in provisions from Sections A, B, F and K of this solicitation. Also, Section E provisions filled in (if applicable): Inspection Point Origin, TACOM Clause 52.246-4028.

L.8.3 The Offeror shall include a completed Section B with this volume.

L.8.4 The Offeror shall submit a Subcontracting Plan IAW the Contract Clause entitled "Small Business Subcontracting Plan FAR 52.219-9 (Oct, 1999)".

L.8.5 Any other information required by the solicitation.



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L.8.6 A statement of agreement to all the terms, conditions and provisions of this solicitation.

\*\* Changed by Amendment 0002.

\*\*\* END OF NARRATIVE L 001 \*\*\*